EXECUTIVE SECRETARIAT

Routing Slip

TO:		ACTION	INFO	DATE	INITIAL
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	SUSPENSE	2 March			
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Remarks:

STAT

D/Executive Secretary

3637 (10-81)

22 February 1982

82-4129

FEB 22 3 05 PM '82

22 February 1982

MEMORANDUM FOR: Deputy Director for Administration

FROM: John N. McMahon
Executive Director

SUBJECT: Staff Communications

1. The other morning John Stein commented about the delay in some DDO traffic because of the present limitations on the CDS system and you commented that the capacity of that system was being upgraded and should be effective around, I think, August. I asked for some numbers and I find out that over the past five years our staff traffic has increased considerably; that trend undoubtedly will continue. I find that some Monday morning material contains traffic five days old and some State traffic even older.

2. I'm not sure that we can wait until August to resolve that and wonder what measures might we take in the interim to alleviate the backlog. Can it be solved with more hardware off the shelf or more people?

John N. McMahon

25X1

CONFIDENTIAL

ER 4424/1

DDA 82-0493/1

26 February 1982

MEMORANDUM FOR: Executive Director

FROM: Harry E. Fitzwater
Deputy Director for Administration

SUBJECT: Staff Communications

REFERENCE: Your memo dtd 22 Feb 82, same subj (ER 82-4424)

John:

1. The communications environment of the entire United States Government is beset with delays at this particular time. For example, while the delay within the Agency system is reflected at the output to the DO, the Defense Communications Agency's system is suffering four or five days delay in switching operations alone. Since the world is not in a crisis situation, no one seems to be able to define a reason for this upsurge.

2. When I spoke to you, it appears that the expanded memory upgrade to CDS would be available in the late summer. This estimate allowed for the usual types of delays that occur with the reception and installation of a major system. Since that time, we have completed the exhaustive test on the system at the factory. The average throughput was approximately 1,000 messages an hour; the peak, approximately 2,000 messages an hour, as contrasted with the current CDS peak of approximately 400 messages an hour. Accordingly, we have completed the factory acceptance tests, disassembled the system and are in the process of shipping it to Langley. We should begin reassembling on-site in about three weeks and are now looking for acceptance in May 1982.

3. Obviously, this will help our throughput problem by increasing the size of the pipe at the other end as will the activitation of the APARS systems. The basic problem is the age/obsolescence of the communications switches, [redacted] It STAT will be resolved by the completion of our communications recapitalization program. In the meantime, there are no hardware or software solutions which are magical and which will resolve the inherent sizing limitations of the network. The only immediately available solution, which would be extremely difficult to implement, would be the reduction of the amount of traffic handled on the system. For example, the DO is now proposing to electrically transmit pouch manifests and contact reports. This is understandable because the pouch system moves so slowly, yet every bit of traffic that we add to a bounded communications system means that the time involved in processing such traffic must increase because the only variable that we can deal with is the time domain.

[redacted] STAT

Harry E. Fitzwater

cc: DDO